

WHAT IS CLAIMED IS:

1. A rain gauge assembly comprising:

a first hollow cylinder having a side wall and a bottom wall closing a first end of said first cylinder, said first cylinder open at a second end and having an outside diameter;

a second hollow cylinder having a side wall and a bottom wall closing a first end of said second cylinder, said second cylinder open at a second end and having an inside diameter approximately equal to said outside diameter of said first cylinder so that said first cylinder is receivable in said second cylinder, said second cylinder having a length that is less than a length of said first cylinder, said first and second cylinders molded from a resilient translucent plastisol material; and

a means for attaching said second cylinder to a surface.

2. A rain gauge assembly in accordance with Claim 1 wherein said first cylinder comprises indicia located on said side wall for measuring a collected contents of said first cylinder.

3. A rain gauge assembly in accordance with Claim 1 wherein said means for attaching said second cylinder to a surface comprises at least one of a fastener and a stake.

4. A rain gauge assembly in accordance with Claim 1 wherein said first end of said first cylinder is positioned inside said second cylinder to define a collection position.

5. A rain gauge assembly in accordance with Claim 1 wherein said second end of said first cylinder is positioned inside said second cylinder to define a storage position.

6. A rain gauge assembly in accordance with Claim 1 wherein said bottom wall of said second cylinder comprises an attachment opening sized to receive said means for attaching said second cylinder to a surface.

7. A rain gauge assembly in accordance with Claim 1 wherein said plastisol material comprises at least one of a pigment and a dye.

8. A rain gauge assembly comprising:  
a collection tube comprising a side wall and a bottom wall closing a first end of said collection tube, said collection tube open at a second end;  
a cap member comprising an open end and a closed end, and sized to fit over and cover an end of said collection tube, said collection tube and said cap member molded from a resilient translucent plastisol material; and  
a means of attaching said cap member to a surface.

9. A rain gauge assembly in accordance with Claim 8 wherein said collection tube comprises indicia located on said side wall for measuring a collected contents of said collection tube.

10. A rain gauge assembly in accordance with Claim 8 wherein said means for attaching said cap to a surface comprises at least one of a fastener and a stake.

11. A rain gauge assembly in accordance with Claim 8 wherein said first end of said collection tube is positioned inside said cap element to define a collection position.

12. A rain gauge assembly in accordance with Claim 8 wherein said second end of said collection tube is positioned inside cap element to define a storage position.

13. A rain gauge assembly in accordance with Claim 8 wherein said closed end of said cap element comprises an attachment opening sized to receive said means for attaching said cap element to a surface.

14. A rain gauge assembly in accordance with Claim 8 wherein said plastisol material comprises at least one of a pigment and a dye.

15. A rain gauge kit comprising:

a collection tube comprising a side wall and a bottom wall closing a first end of said collection tube, said collection tube open at a second end;

a cap comprising an open end and a closed end, and sized to fit over and cover an end of said collection tube, said collection tube and said cap molded from a resilient translucent plastisol material; and

at least one of a fastener and a stake for attaching said cap to a surface.

16. A kit in accordance with Claim 15 wherein said collection tube comprises indicia located on said side wall for measuring a collected contents of said collection tube.

17. A kit in accordance with Claim 15 wherein said closed end of said cap comprises at least one attachment opening sized to receive said at least one of a fastener and a stake.

18. A kit in accordance with Claim 15 wherein said plastisol material comprises at least one of a pigment and a dye.

19. A method of fabricating a rain gauge assembly, said method comprising:

molding a collection tube from a resilient translucent plastisol material; and

molding a cap from the translucent plastisol material;

the collection tube comprising a side wall and a bottom wall closing a first end of the collection tube, the collection tube open at a second end;

the cap comprising an open end and a closed end, and sized to fit over and cover an end of the collection tube.

20. A method in accordance with Claim 19 further comprising applying a plurality of spaced indicia to an outer surface of the side wall of the collection tube.

21. A method in accordance with Claim 20 further comprising applying at least one of text and a symbol in addition to the indicia.

22 A method in accordance with Claim 19 wherein the plastisol material comprises at least one of a pigment and a dye.